

**Filed Electronically**

<b>RESPONSE AND AMENDMENT UNDER 37 C.F.R. §1.116</b>  Address to: Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Attorney Docket No.	UCSB-510CIP
	Confirmation No.	8242
	First Named Inventor	HEEGER, ALAN J.
	Application Number	10/810,333
	Filing Date	March 25, 2004
	Group Art Unit	1634
	Examiner Name	CROW, Robert Thomas.
	"REAGENTLESS, REUSABLE, BIOELECTRONIC DETECTORS EMPLOYING APTAMERS"	

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This paper is responsive to the Office Action mailed April 3, 2007. Applicant believes this paper is timely filed without the payment of additional fees. Should additional fees be required for entry of this paper, Applicants authorize the Commissioner to charge any fees, or credit any overpayment to Deposit Account No. 50-0815, order number UCSB-510CIP.

In view of the amendments to the claims and the remarks put forth below, reconsideration and allowance are respectfully requested.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.